Creative Enzymes®

L-iduronidase

Cat. No. EXWM-3940

Lot. No. (See product label)

Introduction

Description	Iduronidase (EC 3.2.1.76, L-iduronidase, alpha-L-iduronidase, laronidase) is an enzyme with the systematic name glycosaminoglycan alpha-L-iduronohydrolase. This enzyme catalyses the hydrolysis of unsulfated alpha-L-iduronosidic linkages in dermatan sulfate.It is a glycoprotein enzyme found in the lysosomes of cells. It is involved in the degeneration of glycosaminoglycans such as dermatan sulfate and heparan sulfate. The enzyme acts by hydrolyzing the terminal alpha-L-induronic acid residues of these molecules, degrading them. The protein is reported as having a mass of approximately 83 kilodaltons.
Synonyms	α-L-iduronidase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.2.1.76
CAS No.	9073-56-7
Reaction	Hydrolysis of unsulfated α-L-iduronosidic linkages in dermatan sulfate
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.